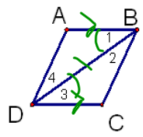
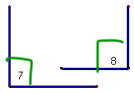
1.



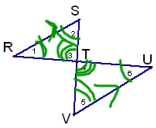
Given: $\overline{AB} \parallel \overline{CD}$
Conclusion#1: $\angle 1 \cong \angle 3$ Reason: If ||s alt int ∠s ≅
Conclusion#2: $BD = BD$ Reason: reflexive

2.



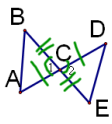
Given: ∠7 is a right ∠, ∠8 is a right ∠
Conclusion#1: ∠7 ≅ ∠8 Reason: Rt. ∠s are ≅

3.



Given: $\overline{RS} \parallel \overline{UV}$
Conclusion#1: $\angle 1 \cong \angle 6$ Reason: If ||s alt int ∠s ≅
Conclusion#2: $\angle 2 \cong \angle 5$ Reason: ||
Conclusion#3: $\angle 3 \cong \angle 4$ Reason: Vert. ∠s ≅

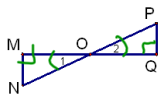
4.



Given: $\overline{BE}$ bisects $\overline{AD}$ and $\overline{AD}$ bisects $\overline{BE}$
Conclusion#1: _____ Reason: _____
Conclusion#2: _____ Reason: _____
Conclusion#3: _____ Reason: _____

#1 AC = CD R: def of bis.
#2 BC = CE R: " " "
#3 ∠1 ≅ ∠2 R: Vert ∠s ≅

5.



Given: $\overline{MN} \perp \overline{MQ}$; $\overline{PQ} \perp \overline{MQ}$;
Conclusion#1:_____ Reason: def. of ⊥ lines
Conclusion#2:_____ Reason: def. of ⊥ lines
Conclusion#3:_____ Reason: right ∠s are ≅
Conclusion#4:_____ Reason: _____

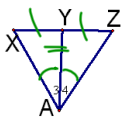
#1 ∠NMO is rt∠
#2 ∠PQO is rt∠
#3 ∠NMO ≅ ∠PQO
#4 ∠1 ≅ ∠2 R: Vert∠s ≅

6.

Given: K is the midpoint of $\overline{LJ}$
Conclusion#1:_____ Reason: _____
Conclusion#2:_____ Reason: _____

#1 LK = JK R: def of midpt
#2 IK = IK R: Reflexive

9.



Given: Y is the midpoint of $\overline{XZ}$; $\overline{AY}$ bisects ∠XAZ
Conclusion#1:_____ Reason: _____
Conclusion#2:_____ Reason: _____
Conclusion#3:_____ Reason: _____

#1 XY = YZ R: def of midpt
#2 ∠3 ≅ ∠4 R: def of ∠ Bis
#3 YA = YA R: Reflexive